

MR 63016

8EHQ-1002-15213

COURTNEY M. PRICE  
VICE PRESIDENT  
CHEMSTAR

October 18, 2002

**American  
Chemistry  
Council**

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Office of Pollution Prevention and Toxic Substances  
U.S. Environmental Protection Agency  
EPA East  
1200 Pennsylvania Avenue, N.W.  
Washington, D.C. 20460



8EHQ-02-15213

Attention: 8(e) Coordinator

Dear Sir or Madam:

The information below is submitted in accordance with EPA's interpretation of Section 8(e) of the Toxic Substances Control Act by the American Chemistry Council's Oxo Process Panel on behalf of the following producers of isobutyl alcohol: BASF Corporation, Celanese Ltd., Dow Chemical Company, and Eastman Chemical Company.

The Oxo Process Panel is sponsoring a two-generation reproductive toxicity study on isobutyl alcohol (CAS #78-83-1). The data referred to are preliminary and the Panel does not believe that the data constitutes a substantial risk. Nevertheless, this submission is intended to discharge any 8(e) responsibilities that might exist.

A statistically significant decrease in male and female F2 pup body weights was noted on postnatal day 21 during the conduct of a two-generation inhalation reproductive toxicity study with isobutyl alcohol. The F1 dams were being exposed to 0, 500, 1000, or 2500 ppm isobutyl alcohol during this study. The rate of weight gain of the F2 pups from postnatal day 14 thru 21 was also statistically significantly reduced in the three exposed groups. There was no apparent relationship between the level of isobutyl alcohol the dams were exposed to and the severity of the decrease in body weight or rate of weight gain. Furthermore, the pups were not directly exposed to isobutyl alcohol and were consuming the feed available within the home cage during this time. There was no apparent effect on pup body weight gain earlier in lactation when the pups were entirely dependent upon the dam's milk as a nutrition source.

As noted, this information should be considered preliminary. The final report will be submitted to the Agency as soon as it is available. If you have any questions regarding the information contained herein, please contact Ms. Barbara Francis, Manager of the Oxo Process Panel at 703-741-5609.

Sincerely yours,



88030000008

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cc: Oxo Process Panel members



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8(e) Submittal from the Oxo Process Panel

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Isobutanol 8e Letter

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